



Brussels, 21 January 2020

The Technical Committee of the European PET Bottle Platform (EPBP) was requested to evaluate the effect of KHS GmbH Nature Multipack™ solution for PET bottle secondary packaging on the quality of recycled PET. The Nature Multipack™ solution uses specifically designed equipment and glue dots to stick together PET bottles in multiple packs.

Data supplied from tests carried out conforming to the EPBP testing protocol demonstrated minimal impact on the colour and properties of the resulting rPET. Glue dots sticking bottles together are designed to be removed during friction washing and to separate from PET flakes by flotation. Ageing tests, simulating exposure to elements, have confirmed that glue dots retain their floating capability.

Based on the assessment's outcome but taking into account the variable performance of European recyclers, the novelty of this packaging solution and its potential market penetration, the European PET Bottle Platform (EPBP) concludes that the Nature Multipack™ PET bottle secondary packaging process, in combination with the specific glue developed and supplied by KHS GmbH, will not have a negative impact on current European PET recycling, provided it is managed under the following conditions:

- Only the specific glue developed and supplied by KHS GmbH shall be used in the Nature Multipack™ equipment in Europe. Specifically, glue formulations must not contain intentionally added substances in nanoform or substances that are listed as CMRs by EU regulatory bodies or by internationally recognised organisations.
- Users of the KHS Nature Multipack™ equipment must strictly follow the operating instructions and conditions laid down by KHS GmbH.
- KHS GmbH will continue to cooperate with EPBP in order to ensure a smooth market introduction of this novel packaging solution.
- Given the novelty of the solution, its market penetration rate cannot be estimated upfront. Currently EPBP approval is limited to a market penetration of 5%.



The EPBP reserves the right to update and change the conditions of this endorsement at any time, upon prior notice to KHS GmbH, in accordance to the most recent technologies, assessments and experience.

*The European PET Bottle Platform EPBP is a voluntary industry initiative that provides PET bottle design guidelines for recycling, evaluates PET bottle packaging solutions and technologies and facilitates understanding of the effects of new PET bottle innovations on recycling processes. This initiative fully supports the economic and environmental sustainability of the European PET value chain.*